

1. (Twice Amended) A non-toxic *Pseudomonas* exotoxin A-like ("PE-like") chimeric immunogen comprising: (1) a cell recognition domain of between 10 and 1500 amino acids that binds to a cell surface receptor; (2) a translocation domain comprising an amino acid sequence at least 60% identical to a sequence of PE domain II and capable of effecting translocation to a cell cytosol; (3) an amino acid sequence encoding an endoplasmic reticulum ("ER") retention domain that comprises an ER retention sequence; (4) an epitope presenting domain located at the PE Ib domain location of PE and having one cysteine to cysteine disulfide bonded loop and comprising an amino acid sequence of between 5 and 350 amino acids that encodes an epitope that is non-native to PE domain Ib and is located within the loop, and wherein the epitope is from a pathogen.

REMARKS

With this amendment, claims 1-3, 7, 8, 12, and 13 are pending in the present application and presented for examination. Claim 9, 24, 25, 44 and 45 have been canceled. Claims 4-6, 11, 14-15, 16-18, 19-23, 26, 28, 31, 32, 34-36, 39, and 40-43 were withdrawn from further consideration as drawn to non-elected subject matter.

Claims 8 and 9 stand rejected under 35 U.S.C. §112, second paragraph as allegedly being indefinite.

Claims 1-3, 7-9, 12-13, 24-25 and 44-45 stand rejected under 35 U.S.C. §112, first paragraph, for an alleged failure to meet the written description requirement.

Claims 1-3, 7-9, 11-12, 24-25, and 44-45 stand rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite.

Claims 24 and 25 stand rejected for alleged double-patenting.

Applicant responds to the above rejections below.